

BEST AVAILABLE COPY

<b>3M Innovative Properties Company</b> <b>Office of Intellectual Property Counsel</b>	<b>3M Center, PO Box 33427</b> <b>St. Paul, MN 55133-3427 USA</b>
THE INFORMATION CONTAINED IN THIS FACSIMILE TRANSMISSION MAY CONTAIN CONFIDENTIAL OR LEGALLY PRIVILEGED INFORMATION INTENDED ONLY FOR THE PERSON OR ENTITY NAMED BELOW.	
If you are not the intended recipient, please do not read, use, disclose, distribute or copy this transmission.	
If this transmission was received in error, please immediately notify me by telephone directly at (651) 733-1539 or (651) 733-1500, and we will arrange for its return at no cost to you. Thank you.	

# FACSIMILE

Date: January 31, 2002 10:48:26 AM  
Number of pages  
including cover sheet: 33

To:  
Examiner M. Marcheschi  
US PTO

Your Ref: 09/618,876  
Phone: (703) 308-3815  
Fax No. (703) 872-9639

From:  
Greg Allen  
3M Innovative Properties Co.  
St. Paul, Minnesota

Our Ref: 55763US002  
Phone: (651) 736-0641  
Fax No. (651) 736-3833

Remarks: ☐ Urgent ☐ Acknowledge ☐ Reply ASAP ☐ Please  
Comment

Enclosed is an Amendment Transmittal Letter, Supplemental Amendment Under  
Rule 111, Terminal Disclaimer and copy of an unrecorded assignment

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
PO Box 33427  
St. Paul, Minnesota 55133-3427  
651/733 1500

**PATENT**

Docket No.

55763US002

**Amendment Transmittal Letter**

Commissioner for Patents  
Washington, DC 20231

Inventor(s): Anatoly Z. Rosenflanz  
Application No. 09/618,876  
Filed: July 19, 2000  
Title: FUSED  $Al_2O_3$ - $Y_2O_3$ - $ZrO_2$  EUTECTIC ABRASIVE PARTICLES, ABRASIVE ARTICLES, AND METHODS OF MAKING AND USING THE SAME

Group Art Unit: 1755

Examiner: Unknown

☒ Enclosed is an amendment in the above-identified application.

☒ Enclosed is a Terminal Disclaimer

☒ The fee for this amendment is computed as follows:

Claims As Amended							
(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest No. Previously Paid For	(5) Present Extra	(6) Rate	(7) Additional Fee	
Total Claims	87	Minus	** 80	= 7	x \$18.00	= \$126.00	
Independent Claims	13	Minus	*** 13	= 0	x \$80.00	= \$0.00	
Additional fee for filing one or more multiple dependent claims, if no such fee has been previously paid					\$270.00	\$	
Total Additional Fee For This Amendment →						\$126.00	

\*\* If the "Highest No. Previously Paid For" in this space would be less than 20, write "20" in this space.

\*\*\* If the "Highest No. previously Paid For" in this space would be less than 3, write "3" in this space.

☒ Please charge to Deposit Account 13-3723 any fees under 37 CFR 1.16 and 1.17 which may be required during the entire pendency of this application. This authorization includes the fee for any extension of time under 37 CFR 1.136(a) that may be necessary. To the extent any such extension should become necessary it is hereby requested.

Registration Number	Telephone Number
35,048	651-736-0641
Date	January 29, 2002

Respectfully submitted,

Signature

Printed Name

Gregory D. Allen

**CERTIFICATE OF TRANSMISSION**

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office fax number (703) 872-9639 on the date specified below:

January 31, 2002  
Date

Lisa Hengen  
Signature

F

PATENT

Docket No.: 55763US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Anatoly Z. Rosenflanz

Serial No.: 09/618,876

Filed: July 19, 2000

For: FUSED  $Al_2O_3$ - $Y_2O_3$ - $ZrO_2$  EUTECTIC ABRASIVE PARTICLES, ABRASIVE ARTICLES, AND METHODS OF MAKING AND USING THE SAME

Group Art Unit: 1755

Examiner: M. Marcheschi

**CERTIFICATE OF TRANSMISSION**

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office fax number (703) 872-9639 on the date specified below:

January 31, 2002 *Lisa Hengen*  
Date Signature

**SUPPLEMENTAL AMENDMENT UNDER RULE 111**

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

This paper supplements the "Amendment Under Rule 111" paper bearing a Certificate of Mailing date of December 19, 2001.

**In the Claims**

Please cancel claim 1.

Please amend claims 2-28 as follows:

2. The plurality of abrasive particles according to claim ~~1~~ wherein said fused, crystalline abrasive particles comprise at least 50 percent by volume, based on the total metal oxide volume of the respective particle, of said eutectic material.

3. The plurality of abrasive particles according to claim 2 comprising, on a theoretical oxide basis, at least 40 percent by weight  $Al_2O_3$ , based on the total metal oxide content of the respective particle.

*Handwritten marks*

BEST AVAILABLE COPY

61

f